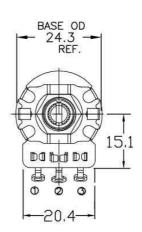
UNIT: mm

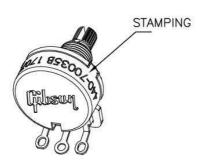
12.7

MAX.

11.3 MTG. SURFACE 18.2±0.8 5.9±0.4 9.5 ±0.4 28.2 ±0.4 29.5 ±0.4 29.5 ±0.4 29.5 ±0.4

SLOT LOCATION RANDOM

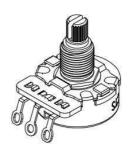


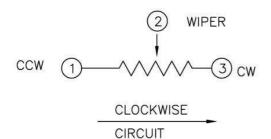


-<u>24 TEETH</u>

3/8-32NEF

"C" WASHER: 100N-63





NOTES:

RESISTANCE : 500K±20%
 RESIDUAL RESISTANCE :

HEHO: 250 ohms max. LEHO: 50 ohms max.

- 3. CURVE TYPE: NON-LINEAR, CTS TYPE B
- 4. BUSHING & SHAFT WITH BRASS.
- TIN PLATED COVER AND ANTI-STATIC LUBE ARE REQUIRED.
- 6. TURNING TORQUE: 0.1~2 IN.OZ
- 7. STAMPING: 440-70035B DATE CTS
- 8. HARDWARE : N/A
- 9. FOR ADDITIONAL REQUIREMENTS SEE CTS ENG. SPEC. # EN-SPE-450001N

CCS COMPONENTS TAIWAN LTD. KAOHSIUNG, TAIWAN, ROC		CUSTOMER : Gibson		
CTS PART NO. CUSTOMER PART NO.	450S4025 440-70035B	REV	SAMPLE REQUEST: 450-8274	CUSTOMER APPROVAL: (SIGNATURE & DATE)
ISSUED DATE :02/16/17' TOLERANCE UNLESS OTHERWISE SPECIFIED X (1 PLACE) ± 0.3		CHECKED BY: 5, S, Chen		
CTS TYPE : T450SF	.XX (2 PLACE) + ± 0.13 ANGLE + ± 5°		APPROVED BY : em	

CTS COMPONENTS TAIWAN, LTD.

ENGINEERING SPECIFICATION		SPEC NO.					
		T	EN-SPE-450001N				
SPECIFICATION:		DATE	PAGE OF				
450 SERIES 15/16" DIAMETER VARIABLE RESISTORS		05 25 02	1 1				
1. MECHANICAL:		05-25-93					
1. WILCHANICAL.							
1.1 MATERIAL : ALL MATERIAL SHALL BE COR WITH EUROPEAN UNION ROHS DIRECTIVE			NT AND <i>COMPLIANT</i>				
1.2 SHAFT MATERIAL : ☐ <i>PLASTIC SHAFT</i> ☐ BRASS ☐ AL	WITH FLAME UL UM □	94V-2	N)				
1.3 BASE (TERMINAL BOARD) : BAKELITE WITH FLAME UL 94HB.							
OR							
1.4 RESISTANCE ELEMENT : CARBON.							
TOTAL WITH ROTARY SWITCH 320°±5°							
1.6 CONFIGURATION/ DIMENSIONS : SEE ATTAC	CHED DRAWING.						
1.7 TURNING TORQUE: \Box 3/4 \sim 6 in.oz		ı).					
		•					
		•					
	$(144 \sim 504 \text{ gcm})$						
	$(216 \sim 648 \text{ gcm})$						
_	$(144 \sim 720 \text{ gcm})$						
	$(288 \sim 1080 \text{ gcm})$	*					
	$(360 \sim 1440 \text{ gcm})$	m).					
2. ELECTRICAL:	ATTA CHED DD AN	WING.					
2.1 RESISTANCE, TOLERANCE & TAPER: SEE ATTACHED DRAWING.							
2.2 POWER RATING : 1/3 W @55°C DERATED TO NO LOAD @85°C.							
2.3 VOLTAGE RATING : BUSHING TO TERMINALS, HIGH POT TEST, ONE MINUTE ■1080VAC OR □1500VAC, OPERATING MAX 750VDC. ACROSS END							
TERMINALS, 500VD	*						
2.4 ROTATIONAL LIFE TEST : ± 20%							
2.4 ROTATIONAL ELLE TEST: $\underline{2200}$ \triangle RALTER \blacksquare TOR CICLES © 2R CICLES TERTINS							
□ 250K							
@ROOM TEMPERATURE.							
2.5 HUMIDITY TEST: $\pm 20\% \triangle R$ AFTER 100 HRS 40°C & 95% R.H. WITH 2 HRS AIR DRY.							
2.6 LOAD LIFE TEST : $\underline{\pm 20\%}$ \triangle R AFTER 1,000 HRS AT 55 $^{\circ}$ C WITH $\underline{-1/3}$ WATT LOAD APPLIED ACROSS THE RESISTANCE.							
AFFLIED ACKOSS THE RESISTANCE.							
WRITTEN BY : S.S. Chen	CUSTOME	R : GEN	NERAL				
REVIEWED BY : Peter Hsieh							
APPROVED BY : H.S Hu	DISTRIBU [*]	TION :					
		··•··					